

## 10W-40 E4 HD Pro

### Description:

**10W-40 E4 HD Pro** is a high performance engine oil, which is made from base oils of the most modern synthesis technology. It is suitable for each kind of diesel engines in commercial cars, especially for EURO 4- and - 5- motors (EURO 4 &-5 does only limited apply to MAN and DAF).

### Properties:

**10W-40 E4 HD Pro** assures top performance in many quality criterions:

- Easy low-wear cold-start by good fluidity, even at low temperatures.
- Excellent aging and corrosion protection.
- Exceeding wear protection and cleaning power.
- Allows the most extended oil drain intervals which car producers recommend.
- Outstanding thermal oxydative stability and low evaporation tendency.
- High performance additives and the synthetic base care for unexcelled performance.

### Specification / Recommendations:

ACEA E4- / E7-16	Scania LDF-2	MB 228.5
API CI-4 / SL	Caterpillar ECF 1-a, ECF 2	MAN M 3277
Renault RXD	Global DHD-1	MAN M 3377
Deutz DQC IV-10	Mack EO-M+	VOLVO VDS-3
MTU Typ 3	Detroit Diesel 93K215	Mack EO-N
Cummins CES 20076, 20077, 20078	Renault VI RLD-2	DAF HP

### Typical Values:

10W-40 E4 HD Pro	Unit	Value	Method
Density at 15°C	kg/m <sup>3</sup>	868	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	98,1	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	14,5	DIN 51 562
Viscosity Index		152	DIN ISO 2909
CCS at -25°C	mPa.s	6580	DIN 51 377
Pourpoint	°C	-36	DIN ISO 3016
Flashpoint	°C	224	DIN ISO 2592
TBN	mg KOH/g	12,8	DIN ISO 3771

*Specification variations in these characteristics may occur. The instructions of manufacturer must be regarded.  
Further information available by MSDS.*

### Hengst SE

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